

Wise Engineering 3915 Old Fairground Rd. Angier, NC 27501 (919)894-2203



November 9, 2021

Rose Cotton

Subject: 6515 US Highway 401 N, Fuguay Varina, NC 27526

Mrs. Cotton,

A representative from Wise Engineering (WE) was on-site to review the home located at 6515 US Highway 401 N, Fuquay Varina, NC 27526. Specifically, we reviewed the crack in the drywall over the door into the master bathroom and the sloping floors under the kitchen.

Based on our observations and analysis, there was extensive damage to the wood framing components under the master bathroom. It appears that there has been a plumbing leak in the bathroom that has caused wood rot and wood destroying fungi to develop. Wise Engineering recommends removing and replacing the compromised wood framing components with new like members from bearing point to bearing point. Additionally, temporary supports were installed to provide support to the compromised floor joists. These supports may be removed after the floor framing has been properly repaired. Furthermore, the floor joists under the kitchen are compromised and should be removed and replaced, or sistered with new like members from bearing point to bearing point.

If you need additional information or have other questions, please let us know.

Sincerely,

**Taylor Poulos** 

Randy K. Wise, PE





Project Summary

#### Prepared by:

Eric Mendonza emendoza@regionalwaterproofing.com

Regional Foundation & Crawlspace Repair www.regionalwaterproofing.com TF 919-851-4500 F (919) 269-6788

#### Prepared on:

11-15-21

#### Prepared for:

Rose Cotton rcotton@uga.edu P (706) 202-6900

#### Job location:

6515 US 401 N

Fuquay Varina, NC 27526-4205

1 Toject Summary	
My Crawl Space	\$8,509.50
Permanently Stabilize Floors	\$10,911.64
Total Investment	\$19,421.14
Same Day Savings	\$1,942.11
Total Contract Price	\$17,479.03
Deposit Required - 20%	
Deposit Paid	\$3,495.81
Amount Due Upon Installation	\$13,983.22
Customer Consent	
Any alteration from the above specifications and corresponding price adjustment (if necessar	ry) will be made only at the Customer's

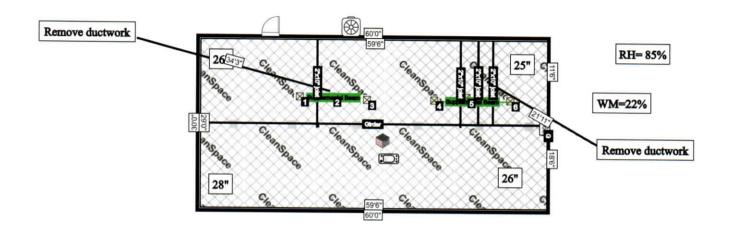
Any alteration from the above specifications and corresponding price adjustment (if necessary) will be made only at the Customer's request or approval. Completing the work in this Proposal at the time scheduled is contingent upon accidents or delays beyond our control. This Proposal is based primarily on the Customer's description of the problem. Engineering services are used as required by companies such as SFA Engineering and StoneWall Engineering. This Proposal may be withdrawn if not accepted by the Customer within 20 days.

	( r · 0 · 1		11 /15 /2021	
Authorized Signature	Eric Mendoza	Date	11/15/2021	
	B71697983E044F3			

Acceptance of Contract—I am/we are aware of and agree to the contents of this Proposal, the attached Job Detail sheet(s), and the attached Limited Warranty, (together, the "Contract"). I am/ we are aware of and agree to the 60 day window that Regional has to remedy any service issues that are covered under the attached Limited Warranty. I will have bio-hazards cleaned and remediated that Regional may discover in the affected work area. This includes plumbing/sewage leaks, and any other hazards at my cost. I will provide documentation from a restoration company. You are authorized to do the work as specified in the Contract. However, field adjustments may be made if deemed vital by project Foreman or Production Manager. I/we will make the payment to crew the day project is completed.

completed.	DocuSigned by:			
Customer Signature	Rose Cotton	Date	11/15/2021	DS
Customer to have financing	in place one week prior to installation date.		Initial	K/ps
Customer understands after three days all deposits are final.			Initial	(M

# Job Details





Type of Wall	Block
Existing Wall Finish	Plain
Existing Floor Finish	Dirt

### Job Details (Continued)

#### **Specifications**

Install SmartJack supports as indicated on job drawing to support the floor joist system above. Sister floor joist full length of joist. If span is over 12ft, additional load bearing beam and SmartJacks are recommended to customer at additional costs to prevent effects of overspan. Regional will install a supplemental support beam as indicated on drawing. Hard Duct(s) to be moved or relocated to facilitate proposed work. Obtain proper building permit. As per Taylor Poulos at Wise Engineering in Harnett county we do not need sketch to optain a permit for this project. Install CleanSpace crawl space encapsulation system in area shown on drawing. Identify for customers obstacles such as low ductwork to be addressed for installation crew. Install 1 electric circuit and 2 outlets with GFI protection. Install a condensation pump. Run tubing to outside the crawl space or sump pump. Install SaniDry Sedona to keep humidity low.

#### **Contractor Will**

- 1.) Permit Project.
- 2.) Contact utility locator service

#### **Customer Will**

- 1.) Move items at least 10 feet away from the work area.
- 2.) Make payment of remaining balance to foreman of crew the same day installation is complete.

#### **Additional Notes**

All recommendations are based on customers descriptions of the problem. While inspection tools such as hygrometers and laser levels are used, no deconstruction or original house plans are available to review for the recommendation. Some unforseen factors may impact project, despite best inspectors best efforts.

### **Product List**

#### My Crawl Space

CleanSpace	sqft
Electrical Circuit 20amp circuit, Electric	
Condensation Pump	
SaniDry Sedona ·····	1
Permanently Stabilize Floors	
Smart Jack 3'-5' (Supplemental)	
Wood: 2x10 Floor Joist Sister ( max 12ft span), Wood Repair	70
Supplemental Beam	
Hard Duct R&R, utility	2
Permit Fee	4



# Recommendations to Your Project

My Crawl Space

1430 Insulation - Remove, Prevent Mold, Rot and Odors

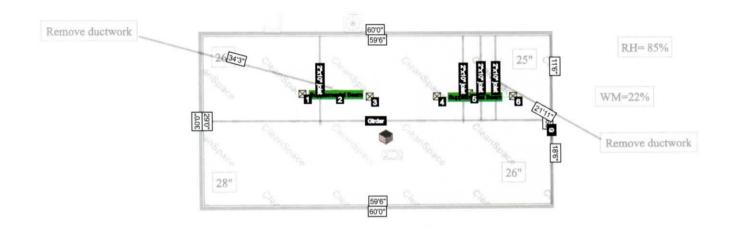
\$5,190.90

1430 Lumberkote, Framing Sealant

My Crawl Space

300 sqft SilverGlo

\$1,650.00



### **Limited Warranty**

Standard Exclusions Permitted By State Law — This Foundation Limited Warranty ("Warranty") is made in lieu of and excludes all other warranties, express or implied, and all other obligations on the part of the contractor ("Contractor") to the customer ("Customer"). There are no other verbal or written warranties, no warranties which extend beyond the description on the face hereof, and NO WARRANTIES OF EXPRESS OR IMPLIED MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow the exclusion or limitation of certain warranties, so some of the above exclusions and limitations may not apply to Customer. This Warranty may be transferred to new property owner with a fee within 30 days of purchase of property. ARBITRATION: All claims and disputes arising under or relating to this Agreement are to be settled by binding arbitration in the State of North Carolina.

General Terms - For the applicable time periods indicated below, this Warranty is transferable at a charge (subject to inspection) to future owners of the structure on which the work specified in this Contract is completed. This Warranty is in effect if the Job specified in this Contract is completed and paid in full and, alternatively, is null and void if full payment is not received or our work has been modified by Customer or another Contractor. A progress payment can be required by Contractor. Progress payment not to exceed 35% of remaining balance. Contractor does not warrant products not mentioned below, but some of such products may be covered by a manufacturer's warranty. All material used is warranted to be as specified in this Contract. All work will be completed in a workmanlike manner according to the standard practices of the industry. Our goal is to achieve EXCELLENT REVIEWS. If we miss that mark or a concern arises with our work, Please call our Service Department ASAP! (919-851-4500 ext.102) Contractor's workers are fully covered by Workers' Compensation insurance. Electrical that is coordinated by Contractor is performed by Dean's Electrical Service Inc. and they have a 1-year warranty on work performed. All electrical related problems will be reported by Customer to Dean's Electrical Service Inc. 919-868-6744 immediately. Foundation Piers - Contractor warrants that the foundation piers will stabilize the affected area(s) against further settlement for twenty-five (25) years from the date of installation, or else Contractor will provide the labor and materials, at no cost to Customer, to correct the problem with the foundation piers. Contractor does not warrant to lift, to close cracks, to render doors and windows operational, or to move walls back to their original position, but will do its best to achieve positive results in this regard. Customer should be aware that damage can occur to the structure during a lift operation and that Contractor is not responsible for such damages. Customer also understands that landscaping will be disrupted during the process. PolyFill is always recommended to ensure footing/pier locations are protected from washout. Foundation piers provide vertical support only and cannot be expected to provide lateral support. If lateral movement occurs, additional work may be needed at an additional cost. Slab Piers - Contractor warrants that the slab piers will stabilize the affected area(s) against further settlement for ten (10) years from the date of installation, or else Contractor will provide the labor and materials, at no cost to Customer, to correct the problem with the slab piers. Contractor does not warrant to lift the slab back to its original position,

SmartJacks - Contractor warrants that the SmartJacks will stabilize the affected area(s) against further settlement for five (5) years from the date of installation, or eise Contractor will provide the labor and materials, at no cost to Customer, to make any necessary adjustments to the SmartJacks. Additionally, the manufacturer of SmartJacks warrants that SmartJacks will, under normal use and service, be free from defects in material and workmanship for twenty-five (25) years from the date of installation (see manufacturer's warranty for more details). If changes occur due to excess moisture in the area(s) where SmartJacks are installed, an encapsulation system, drainage, and dehumidification may be necessary in such area(s) at an additional cost to Customer. Contractor does not warrant to lift, to close cracks, to render doors and windows operational, or to move walls back to their original position, but will do its best to achieve positive results in this regard. Customer should be aware that damage can occur to the structure during a lift operation and that Contractor is no responsible for such damages. Joist and girder compression can prevent floors from being lifted, which is normally a result of pre-exisiting moisture or rot damage. Customer may need to have additional work done to repiace, or reinforce floor system at additional cost.

Geo-Lock Wall Anchors - Contractor hereby warrants that the Geo-Lock wall anchors ("Anchors") will stop further inward movement of the wall(s) repaired for twenty-five (25) years from the date of installation, or else Contractor will provide the labor and materials, at no cost to Customer, to correct the problem with the Anchors. Walls that do not have Anchors installed entirely from corner to corner, by Contractor, are not warranted. Anchors are warranted only to stabilize the affected wall(s) and not straighten them. If

PowerBraces – Contractor hereby warrants that the PowerBraces will stop further inward movement of the wall(s) repaired for twenty-five (25) years from the date of installation, or else Contractor will provide the labor and materials, at no cost to Customer, to correct the problem with the PowerBraces. Walls that do not have PowerBraces installed entirely from corner to corner, by Contractor, are not warranted. PowerBraces are warranted only to stabilize the affected wall(s) and not straighten them. If Customer desires further outward movement in the wall(s) repaired, Customer may tighten the installed PowerBraces as recommended by the manufacturer, but assumes all liability for damages due to over-tightening of the PowerBraces.

Customer desires further outward movement in the wall(s) repaired, Customer may tighten the installed Anchors as recommended by the manufacturer, but assumes all liability

Watson Seal® LumberKote™ CS

for damages due to over-tightening of the Anchors.

but will do its best in this regard.

Watson Seal 30 Year Transferrable Application Area Limited Warranty - Lifetime Flood Rating Warranty Warranty

30-Year Application Area Limited Warranty-Lifetime Flood Rating Warranty-("Warranty") will be in effect 30 years from date of install for moisture related damage and Lifetime of the Structure Flood. This product is used as a sealer to control moisture, and in an approved method, by following all label instructions, and observing all safety measures in applying product. If applied according to Manufacturer's specifications, Watson Seal® LumberKote™ carries a full product replacement Warranty as well as, up to the amount up to but not exceeding \$5,000.00 US Dollar award for lumber replacement if required-given a film thickness of at least 0.2 mils, or a properly applied one heavy coat spray application to wood surfaces, 100% wet on surface application, then allowed to dry properly.

Areas to be treated and Warranty covers included areas only: crawl space subfloor, joists, rim band including sill plate, girders beams, wood support beams, roof rafters only. Watson Seal Crawl Space and Framing Sealer coating is warranted to prevent environmental damage underneath its coating only. This 30-Year Application Area - Lifetime Flood Rating Warranty is available if applied/installed by a Watson Seal Authorized Dealer is applying product and provides proper site report of application and treated areas for documentation-submitted to Watson Seal HQ. The application of Watson Seal® LumberKote™ product is designed to seal structure wood from contamination via flood waters that contain oils, fuel, earth materials, blomass, thus preventing these issues from entering wood cells, as well as moisture damage, swelling and wood twisting. This Warranty shall not be available if the area affected had been found to be under flood contamination prior to the application of Watson Seal® LumberKote™, unless proper cleanup and application of an approved remediation product is made first-and allowed to dry. This Warranty provides for reimbursement of the costs of Watson Seal® LumberKote<sup>™</sup> Product for the structure's affected area only, with a limited dollar amount for repair and wood replacement not exceeding \$5,000.00 USD. Warranty does not cover any other type of other loss, including but not limited to the following-plumbing leaks, labor, health or mental issues, any other patron or guests, house staff, Children, Pets, livestock, birds, reptiles, time loss, project losses, signs, books, art, outside claims, rebuilding, claimed or unclaimed incidentals or valuables, any physical sickness claims, misapplication, misuse, discoloration of wood surfaces, removal of coating surfaces, damage to coating surfaces, overspray, machine/sprayer or mechanical damage from product use, injection, slip and fall incidents, emotional or mental abuse issues or effects of, any health sickness claims before or after, including known or unknown allergies and other respiratory issues before or after application, changes to structure post application, and other unforeseen acts of nature. Personal property and any valuables are not covered under this Warranty. This Warranty does not cover the common indoor/outdoor mold types because these spores are abundantly present on all substances and are considered nontoxic and commonly adhere daily on surfaces. Moisture control is the key subject involved, the Owner must practice due diligence during water/rain incidents, accidents, failure of plumbing lines and valves, water heater tanks, toilets, sinks, bath fixtures, sewer backups, drain failures, sump pump failures, water softeners, and leaking roofs. Manufacturer is not responsible for prior water leaks or sewer incidents. Immediate cleanup of flood issues must be made when safely possible and in a timely manner. Watson Seal® LumberKote™ is designed to assist structure owners with reducing environmental damage caused by septic or water accidents provided that remediation is followed within a proper timeframe. Warranty

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### **Limited Warranty (Continued)**

is transferrable during the 30- year timeframe if prior conditions have been met and changes to structure have not been made. Proof of Purchase must be made for any claim. One Warranty per structure is allowed. If any claim arises, Customer must provide full access to the damaged area, or by approved inspector for analysis and final determination as to cause of claim, final determination of claim and award of claim rests with Manufacturer. Proper use of Product must occur and the burden of proof rests with Owner only, proof of claim items or topics required by Manufacturer must be submitted within 30 days of claim. Claims made are to be reviewed in full by Manufacturer, and final decision made including costs or reimbursements, if any, will be determined by Manufacturer only. Water leakage, including but not limited to, prior water damage, prior flooding, improper plumbing, improper construction techniques, and application of this product by inexperienced/unlicensed applicators, improper application of the product, misuse, and neglect shall void this 30 Year Limited Warranty. Flood Zone, River Zone and Coastal Structures are included in this Warranty. Product is not sold as a pesticide. OSHA general safety precautions and disposal are the responsibility of the Applicator/end user of this product. Application and treatment requirements are based on industry standards set by nationally and internationally recognized associations. Updates, changes to policies and additional information may occur at any time, we recommend checking for these modifications on our website – www.watsonseal.com - or refer questions to us by calling us Toll Free 1-877-732-5481 or faxing to 1-256-386-1911 or writing to watsonseal.com. Some States vary, check with your local WS Representative if in question. www.watsonseal.com Contact Us for Warranty Transfers Copyright-Trademark-2018-Watson Seal LLC.-All Rights Reserved. Made in the USA 1678 S Wilson Dam Road Muscle Shoals, AL 35661 1-877-732-5481

CarbonArmor – Contractor warrants that CarbonArmor will stabilize the affected area(s) against further inward bowing at the center of the wall(s) repaired for twenty-five (25) years from the date of installation, or else Contractor will provide the labor and materials, at no cost to Customer, to correct the problem with the CarbonArmor. Walls that do not have CarbonArmor installed entirely from corner to corner, by Contractor, are not warranted. CarbonArmor is warranted only to stabilize the wall(s) and not straighten them. CarbonArmor is installed to prevent further bowing of the wall. Further leaning at the top of the wall is only warranted when CarbonArmor is installed with the ArmorLock anchor system. Shearing in at the bottom of the wall is not included in this Warranty and may require more work, at additional cost, to correct. PolyLEVEL – For concrete slabs raised with PolyLEVEL, Contractor warrants that the area where the slab of concrete was lifted will not settle more than ¼ inch for a period of five (5) years from the date of installation. If it does, Contractor will provide the labor and materials to re-level the area at no additional charge to Customer. This Warranty does not include natching or caulking between slabs. This Warranty is void if Customer does not maintain grade around slabs and seal joints between slabs. There is no Warranty that

five (5) years from the date of installation. If it does, Contractor will provide the labor and materials to re-level the area at no additional charge to Customer. This Warranty does not include patching or caulking between slabs. This Warranty is void if Customer does not maintain grade around slabs and seal joints between slabs. There is no Warranty that PolyLEVEL will make concrete level, or bring concrete back to original level. Contractor will perform best effort possible, but pre-existing site conditions may prevent slab from being lifted to absolute level. Due to nature of work scope, new cracks appearing or existing cracks opening, or damage to any veneer in contact with concrete is a risk Customer accepts.

Exclusions From This Warranty – This Warranty does not cover and Contractor specifically disclaims liability for: 1) exterior waterproofing; 2) system damage caused by Customer's negligence, misuse, abuse, or alteration; 3) dust incidental to installation; 4) damage to personal property of any type, including home finishes or contents; 5) utility line breakage or HVAC duct damage; 6) damage caused by mold; 7) failure or delay in performance or damage caused by abnormal weather patterns and acts of God (flood, fire, storm, methane gas, etc.), acts of civil or military authority, or any other cause outside of its control; 8) damage done during a lifting operation; 9) basement water seepage; unless otherwise specified 10) heave or any damages caused by it; and 11) damage caused by lateral movements and forces of hillside creep, land sliding or slumping of fill soils of deep embankments; 12) Any and all health or medical claims; 13) any claims of loss of income, real estate sale, property value or business revenue.

Items For Which Customer Is Responsible – Customer is responsible for: 1) making full payment to the crew leader upon completion of the work; 2) preparing the work area for installation; 3) Any finish carpentry, painting, paneling, landscaping, etc. that may be necessary after Contractor's work is finished; 4) marking any private lines such as satellite cables, propane lines, sprinkler system lines, etc.; 5) maintaining positive drainage away from the repaired wall(s); 6) keeping gutters clean and in good working order; 7) directing downspouts a sufficient distance away from the repaired wall(s); 8) maintaining proper expansion joints in concrete slabs that are adjacent to the repaired wall(s); and 9) any items mentioned in this Contract under "Customer Will" or "Additional Notes."

Basement and Crawlspace Waterproofing- if water from the walls or floor wall joint passes through the perimeter water control system and onto the basement floor we will provide the additional labor and materials to fix the leak at no additional charge to the homeowner. This warranty applies to WaterGuard, and DryTrak systems, along the specific areas where the system is installed. Said warranty will be in effect for the lifetime of the structure. This warranty may be transferred to future homeowners provided we are notified within 30 days of the real estate transfer (a fee may apply). The water control system shall not rust, rot or corrode for as long as you own the home.

If the entire perimeter of the basement was not treated, then additional work at additional charge could be necessary to extend the system or treat other areas or other problems not addressed by this work. In addition, a pump or power failure is possible, therefore this warranty is not a guarantee of a dry basement, as the scope of this work cannot guarantee that in all circumstances.

This warranty shall not apply to: condensation, or any system that has been altered in any way, water vapor transmission, concrete discoloration from capillary action, water squirting out of the walls over the system, window well flooding, plumbing leaks, surface water flooding, leaks from chimneys or garages, or efflorescence (whitepowder) on concrete. Contractor can not be responsible for peeling paint, water once pumped from the house, dust created from installation, damage to hidden fuel lines or plumbing, or frozen discharge lines without an IceGuard. A DryTrak system alone will not eliminate seepage from floor cracks. Floor cracks are not warranted against leakage with full perimeter WaterGuard systems.

Regional's warranty shall apply to installed sump pumps and dehumidifiers and shall be covered by a five (5) year warranty from the date of installation. The warranty contained herein shall not apply to condensation or any system which has been repaired by a party other than the contractor or has been altered in any way or which has been subjected to misuse, negligence, or accident. Contractor's liability under this warranty shall be limited to the replacement within the aforesaid time of any defective work or material, and contractors shall be liable for no other damages or losses. Sump pumps and dehumidifiers both require routine maintenance and service replacing certain parts, including filters and other components on an annual basis. If this annual maintenance is not done regularly the five (5) year warranty will not apply. This maintenance can be done by the property owner or Regional Waterproofing for a minimum charge. Maintenance is definitely required for all mechanical devices. The property owner agrees to keep the gutters clean and make sure all surface water is diverted from the foundation. This warranty is made in lieu of all other warranties, expressed or implied and of all other obligations or liabilities on the contractor's part. Electrical work is may be included in the contract but problems from electrical connections or lack thereof are disclaimed.

Systems that drain to daylight can not be warranted by the contractor if such drain: does not drain enough water, does not drain water from under the floor, clogs or freezes. While drainage systems clogging or malfunctioning from iron ochre, iron gel or iron bacteria from the soil are rare, the contractor can not be responsible for these situations, and that system will require cleaning, flushing or other service as necessary to keep it functioning for that particular situation. Wall cracks repaired with FlexiSpan are warranted against leakage for 5 years.



## **Limited Warranty (Continued)**

A CleanSpace, crawl space encapsulation system will isolate the home from the earth. The humidity level in the air will be lowered, reducing moisture needed for mold growth, however the encapsulation system does not claim to be a mold mitigation system. Wet crawl spaces require a drainage system, and a sump system to remedy the problem with water below the CleanSpace liner. CleanSpace has a transferable 25 year warranty — there will be no charge for service calls on any tears or holes in the CleanSpace liner, in the unlikely event this occurs. GeoDrain installations inside crawlspaces carry a 25-year warranty. Warranty ensures against water getting past the GeoDrain from the from the perimeter foundation wall. Installation of the system does not include extending discharge lines, or electrical work unless specified. Contractor is not responsible for frozen discharge lines without an IceGuard, water once pumped from house, or condensation.

# **Notice of Right to Cancel**

You are entering into a contract. If that contract is a result of, or in connection with a salesman's direct contact with, or call to you at your residence without your soliciting the contract or call, then you have a legal right to void the contract or sale by notifying us within three business days from whichever of the following events occurs last:

11/15/2021								
1. The date of the transaction, which is: or								
2. The date you received this notice of cancellation.  How to Cancel  If you decide to cancel this transaction, you may do so by notifying us in writing at:								
					legional Foundation & Crawlspace Repair			
					TF 919-851-4500			
F (919) 269-6788								
www.regionalwaterproofing.com								
721 E. Gannon Ave Zebulon , NC 27597								
				You may use any written statement that is signed and date	You may use any written statement that is signed and dated by you and states your intentions to cancel, or you may use this notice by			
dating and signing below. Keep one copy of the notice because it contains important information about your rights.								
I wish to cancel.								
Owner's Signature	Date							
Owner's Signature	Date							
The undersigned acknowledges receipt of the two copie	es of the Notice of Right to Cancel.							
Rose Cotton	11/15/2021							
A34E8918824C4DC Owner's Signature	Date							
Owner's Signature	Date							